

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

DI 1. (Currently Amended) A telecommunications system, comprising:
a private branch exchange (PBX) coupled to a local area network (LAN), said PBX including a telephony feature access (TFA) gateway;
a server coupled to said local area network, said server configured to provide call processing via said LAN and configured to monitor bandwidth usage of calls it has processed on said LAN;
one or more telephony devices operably coupled to said TFA gateway for call processing;
one or more second telephony devices operably coupled to said server for call processing; and
means associated with said server for accounting for bandwidth requirements of said one or more telephony devices operably coupled to said TFA gateway on said LAN and for calls for which said server has not performed said call processing when processing calls for said one or more second telephony devices.

2. (Original) The telecommunications system according to claim 1, said server being an H.323 compatible server.

3. (Original) The telecommunications system according to claim 1, said accounting means including means associated with said server for aborting a call being processed by said PBX.

4. (Original) The telecommunications system according to claim 1, said accounting means including means for preventing a call being processed by said server on said LAN.

5. (Previously Presented) The telecommunications system according to claim 2, wherein said one or more second telephony devices coupled to said server for call processing are able to communicate with said H.323 server.

6. (Currently Amended) A method for communicating in a system including a PBX and a ToL server coupled to a LAN, said PBX adapted to process calls for telephony feature access (TFA) devices on said LAN, said ToL server adapted to process calls for ToL devices on said LAN, said method comprising:

informing said ToL server of a call setup message associated with said PBX and TFA devices;

accessing a database at said ToL server to determine if bandwidth is available on said LAN for a call processed by said PBX; and

sending a message to abort said call if bandwidth is not available; and

said ToL server accounting for PBX user bandwidth usage when processing a ToL call.

7. (Original) The method according to claim 6, further comprising receiving said call setup message at said PBX; and wherein said message is sent to said PBX.

8. (Previously Presented) The method according to claim 7, including informing said ToL server when said call processed by said PBX is completed.

9. (Original) The method according to claim 8, including said ToL server returning an acknowledge message to said PBX when said ToL server is informed that said call is completed.

~~10. (Currently Amended) The method according to claim 8, A method for communicating in a system including a PBX and a ToL server coupled to a LAN, said method comprising:~~

~~informing said ToL server of said call setup message;~~

~~accessing a database at said ToL server to determine if bandwidth is available on said LAN for a call processed by said PBX;~~

~~sending a message to abort said call if bandwidth is not available;~~

~~further comprising receiving said call setup message at said PBX, wherein said message is sent to said PBX;~~

~~including informing said ToL server when a call processed by said PBX is completed; and~~

~~including said ToL server accounting for PBX user bandwidth usage when processing a ToL call.~~

11. (Original) The method according to claim 6 wherein said informing step is performed by a client making said call processed by said PBX, and wherein said message is sent to said client.

12. (Original) The method according to claim 11 wherein said ToL server is H.323 compatible.

13. (Original) The method according to claim 7 wherein said ToL server is H.323 compatible.

14. (Currently Amended) A system for processing telephone calls, comprising:
a private branch exchange (PBX) coupled to a local area network (LAN), said PBX having associated therewith a telephony feature access (TFA) gateway, said PBX and TFA gateway adapted to provide call processing for TFA telephones on said LAN;
a telephony over LAN (ToL) gatekeeper coupled to said LAN and configured to provide call control services for ToL phone calls on said LAN; and
means associated with said ToL gatekeeper for monitoring bandwidth usage of telephone calls for which said ToL gatekeeper has not provided call control services and processed via said TFA gateway;

wherein said ToL gatekeeper is adapted to account for PBX user bandwidth usage on said LAN when processing a ToL call.

15. (Original) The system according to claim 14, said monitoring means including means for aborting a call processed via said TFA gateway if bandwidth is unavailable.

16. (Previously Presented) The system according to claim 14, said monitoring means including means for aborting at least one of said ToL phone calls if said bandwidth is not available.


17. (Original) The system according to claim 14, including a TFA client that is H.323 compliant but receives call functions from said TFA gateway and PBX.

18. (Original) The system according to claim 14, wherein said gatekeeper is configured to abort a ToL call but not a TFA call if bandwidth exceeds a predetermined usage.

19. (Previously Presented) The system according to claim 14, wherein a TFA client is configured to provide a call request to said gatekeeper and, if said gatekeeper determines that bandwidth is available, provide a subsequent call request to said TFA gateway.

20. (Previously Presented) The system according to claim 14, wherein a TFA client is configured to submit a call request to said TFA gateway and inform said gatekeeper of said call request.

21. (New) A method for communicating in a system including a PBX and a ToL server coupled to a LAN, said method comprising:

 informing said ToL server of a call setup message for a call being handled by said PBX on said LAN;

accessing a database at said ToL server to determine bandwidth available on said LAN for said call processed by said PBX; and

said ToL server accounting for PBX user bandwidth usage when processing a ToL call.